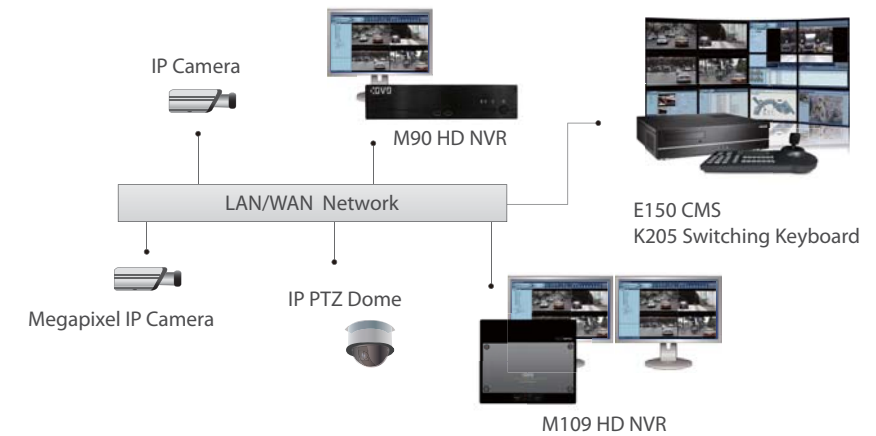


M90/M109 Series

Mini NVR Standalone



System Diagram



GVD M109 -

A all-in-one recording solution with high performance triplex video function (live view, playback and recording) for megapixel. M109 offers robust, unsurpassed recording performance which makes it the ideal solution for small to mid-size projects such as multiple retail business and small branch offices.

- 1 Mini Desktop Recorder with Embedded System Design
- 2 Reliable Recording Solution with Local Display
- 3 High Performance Dual Digital Displays (M109 only)

Key Feature

- Newly introduced model M109 is a video-enhanced 2-HDD model with powerful dual digital display (two DVI) and up to 8TB total capacity
- Pre-built 4, 8, 12, and 16 channel licenses best for small to mid-size installation for megapixel
- Supports large data throughput for multiple HD/megapixel cameras triplex video functions
- Easy video export function with USB or network disk drives
- Equips with the reliable and robust DOM-based virus resistant Windows embedded platform
- Supports free GVD HD NVR Client, NVR Web Viewer and Mobile Client to meet all needs of simple remote monitoring

Storage Capability

Model	Channel	Compression	Resolution	FPS	7	10	15	30
M90	4	MPEG4	D1	Day	59	44	31	16
	4	H.264	1.3M		22	17	12	6
M109	8	H.264	1.3M		22	17	12	6
	12	MPEG4	1.3M		12	9	6	3
	16	MPEG4	1.3M		9	7	5	
	6+6	MPEG4/H.264	D1/1.3M		21	12	11	6

Camera Support List





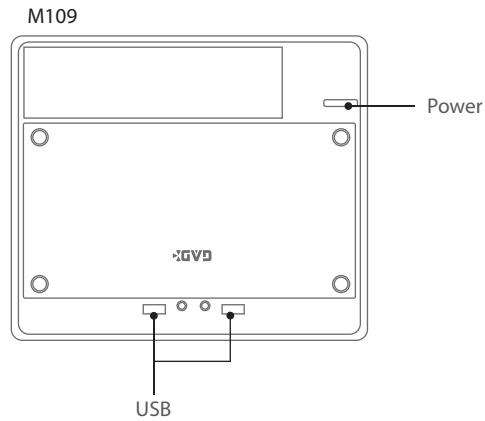
Vertical Market

Small to Mid-sized Installations: Multi-site Retailers and Branch Offices.

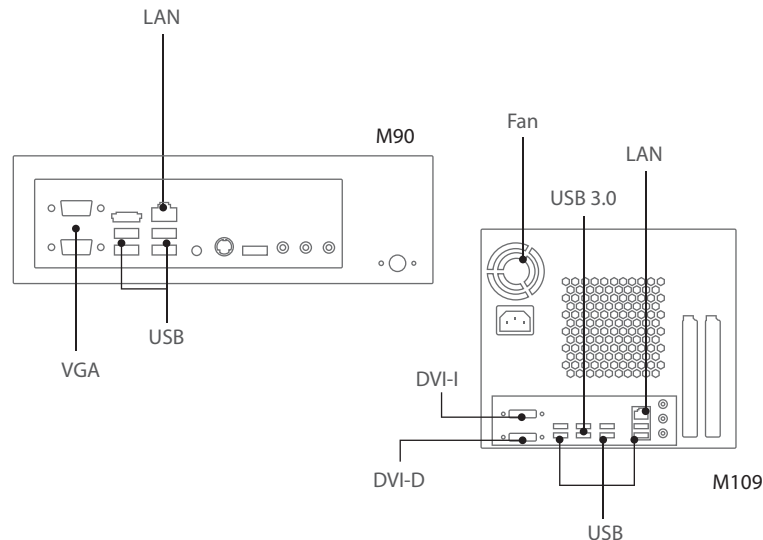
M90/M109 Mini Standalone NVR

Mini embedded NVR with excellent video display for HD/Megapixel

Front Panel Layout



Rear Panel Layout



Hardware Specification

Model	M90	M109
Processor	Intel Atom D525	Intel® Core™ i3-2120 Processor
Memory	DDR2-800 2G	DDR3-1333 4G
Operation System	Windows XP Embedded OS	Windows 7 Embedded OS
HDD Tray	1	2
HDD Max Capacity	2 TB	4 TB
RAID Support	N/A	
Prebuilt License	4	8, 12, 16
Megapixel Recording	D1. 1.3M~20M (local display up to 3M only)	D1. 1.3M~20M
Display Port	VGA x 1	DVI x 2
Display Mode	4 camera layout	16 camera layout
LAN Port	Gigabit x 1	
USB Port	Front x 2 Rear x 4	Front x 2 *Rear x 8
Dimensions (DxWxH) mm	273 x 300 x 65	325 x 215 x 190
Weight	3 Kg	3.4 Kg
Power Supply	84W	250W
Power Consumption	58W	170W
Voltage	100-240VAC(50~60Hz)	
Remote Access	VMS/ CMS/ CMS Client/ Remote Client/ App Client	

*USB 3.0 @ Rear x 2

All specifications are subject to change without notice



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